

◆ Partners, suppliers, customers

self-discovering self-descriptive

XML business service WSDL

UDDI registry UDDI

Web Services Related Art **FIG. 1a**

 (Business Service
 Transactions + Security + Mgmt

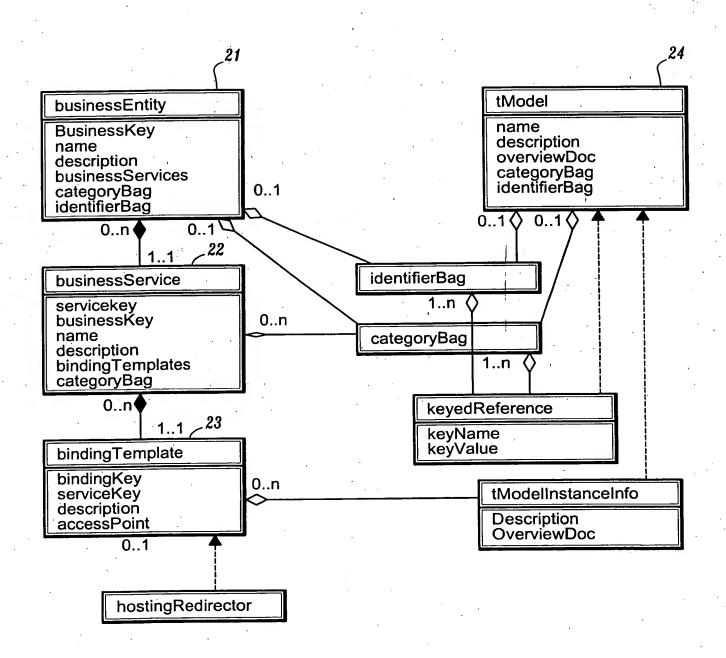
 Application
 UDDI
 WS

 Transport
 SOAP (XMLP)

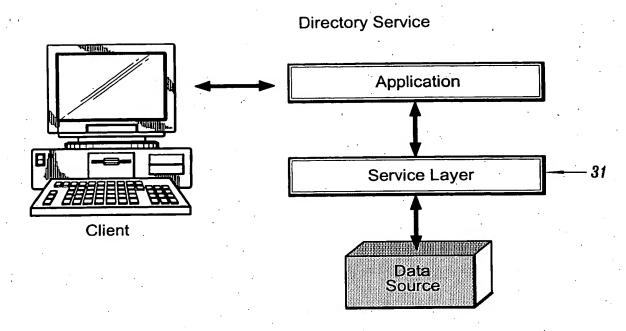
 Network)
 HTTP
 HTTP/SSL
 SMTP
 ...

WS Protocol Stack Related Art

FIG. 1b



Related Art FIG. 2



Related Art **FIG. 3**

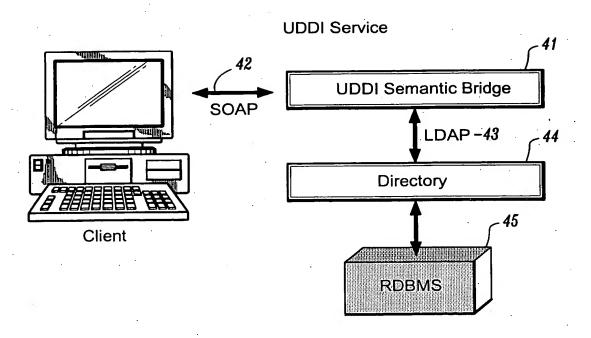


FIG. 4

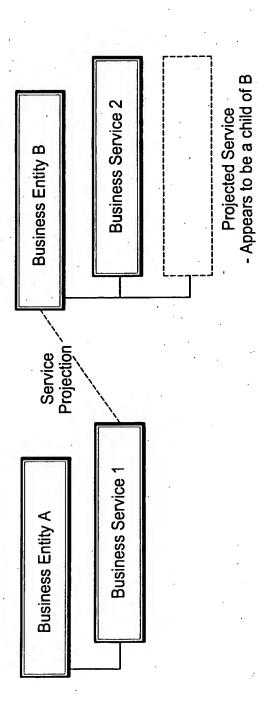
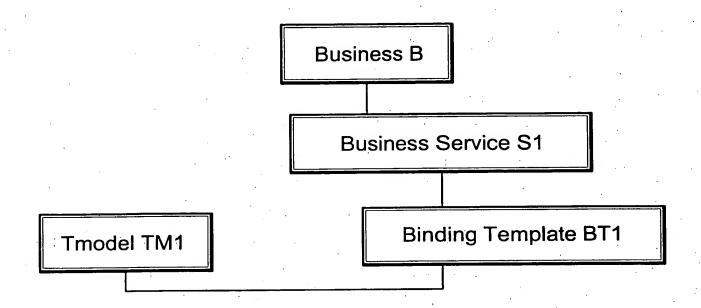
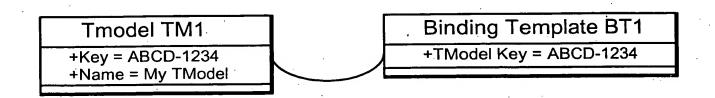


FIG. 5



Binding Template/Tmodel relationship

FIG. 6



Primary & Foreign Keys FIG. 7

FIG. 8

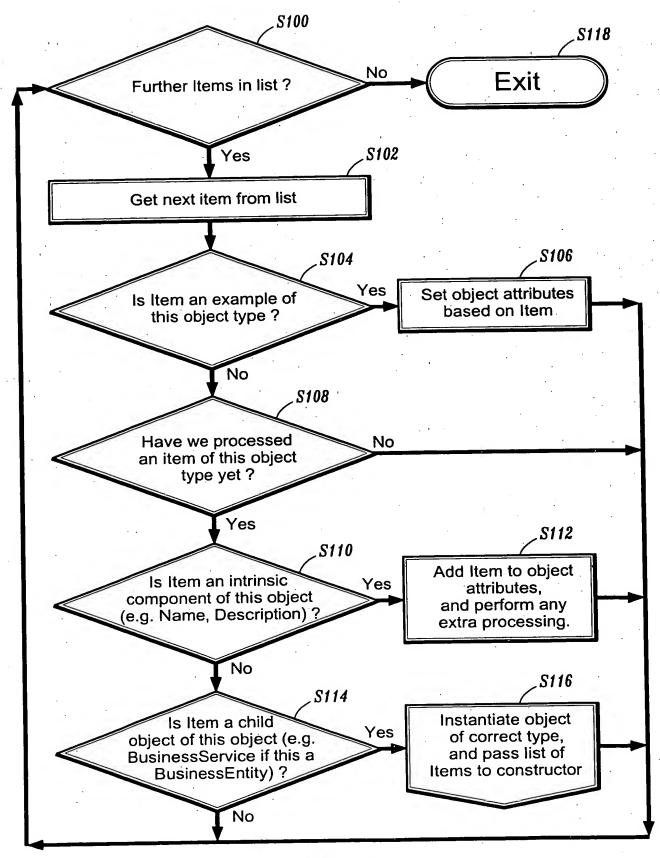


FIG. 9

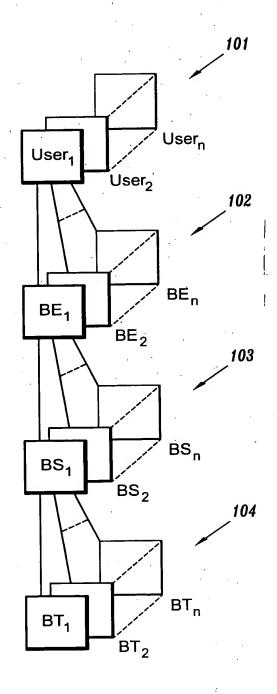


FIG. 10

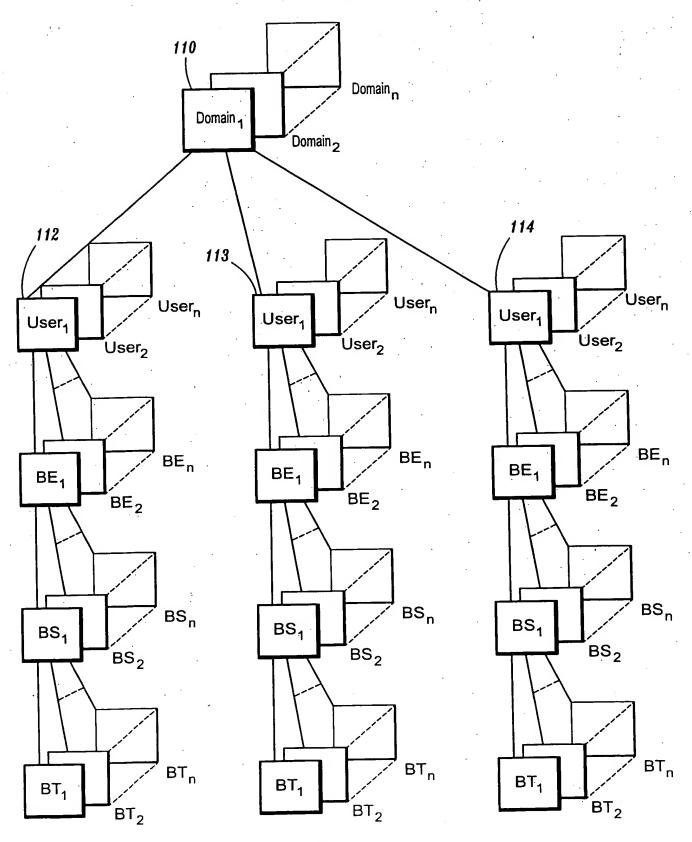


FIG. 11

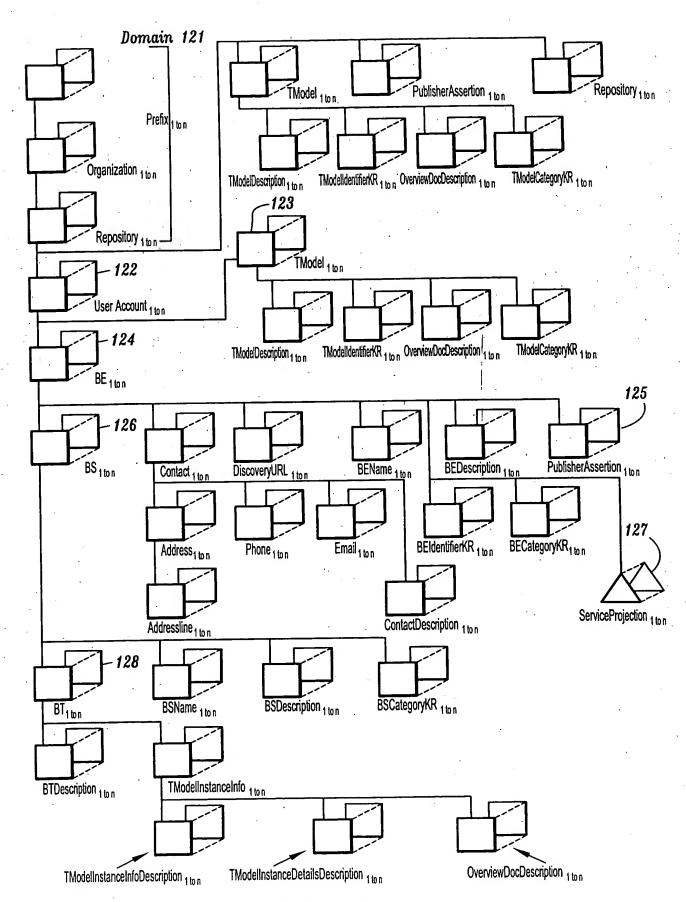
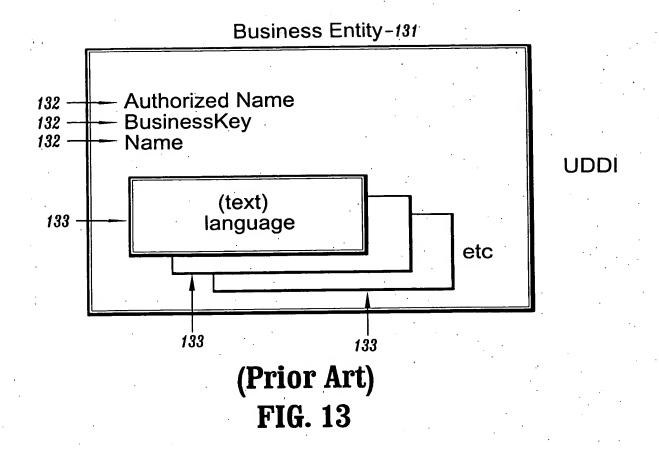
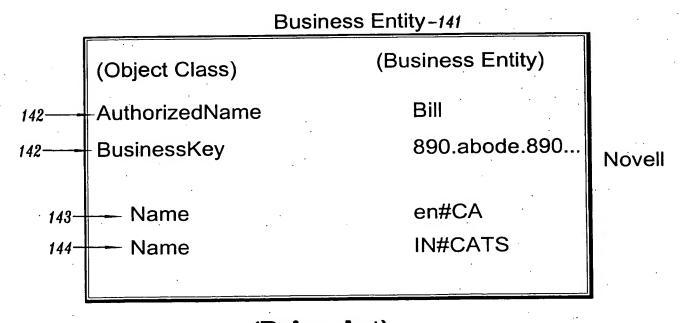


FIG. 12





(Prior Art) FIG. 14

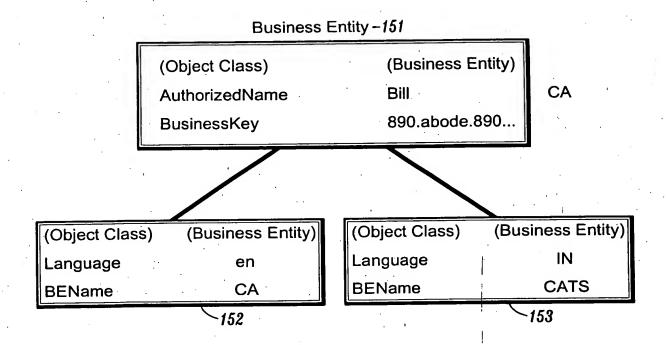


FIG. 15
UDDI Relationship Diagram

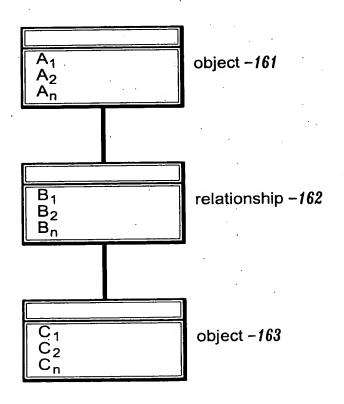


FIG. 16

Directory Hierarchy Diagram

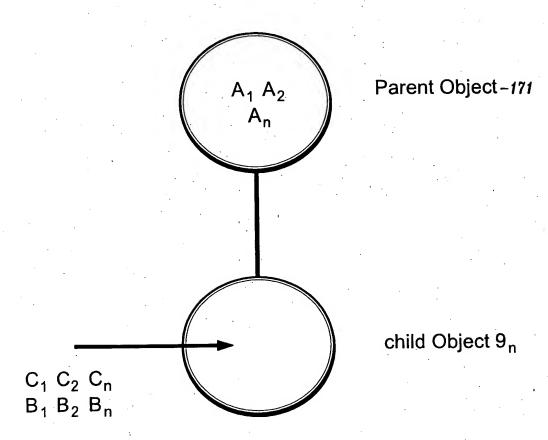


FIG. 17

